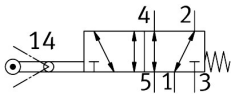
Swivel lever valve
VMEF-VL-M52-M-N18

Part number: 8048989





Data sheet

Feature	Value
Valve function	5/2-way, single solenoid
Type of actuation	Mechanical
Construction width	20 mm
Standard nominal flow rate (standardised to DIN 1343)	750 l/min
pneumatic working port	1/8 NPT
Operating pressure	-0.095 MPa...1 MPa -0.95 bar...10 bar
Design	Piston gate valve Quarter turn actuator
Type of reset	Mechanical spring
Nominal size	5.2 mm
Sealing principle	Soft
Mounting position	Any
Type of piloting	Direct
Flow direction	Reversible
lap	Overlap
Max. actuating speed with lateral actuation	1 m/s
Max. switching frequency	2.5 Hz
Cam angle	45 deg
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Note on ambient temperature	Influence of heat on wear
Actuating torque	1.2 Nm
Product weight	207 g
Type of mounting	With through-hole
Pneumatic connection, port 1	1/8 NPT
Pneumatic connection, port 2	1/8 NPT

Feature	Value
Pneumatic connection, port 3	1/8 NPT
Pneumatic connection, port 4	1/8 NPT
Pneumatic connection, port 5	1/8 NPT
Note on materials	RoHS compliant
Material cover	Reinforced PA
Material seals	NBR
Material housing	Anodised wrought aluminium alloy